



**FIG. 1**

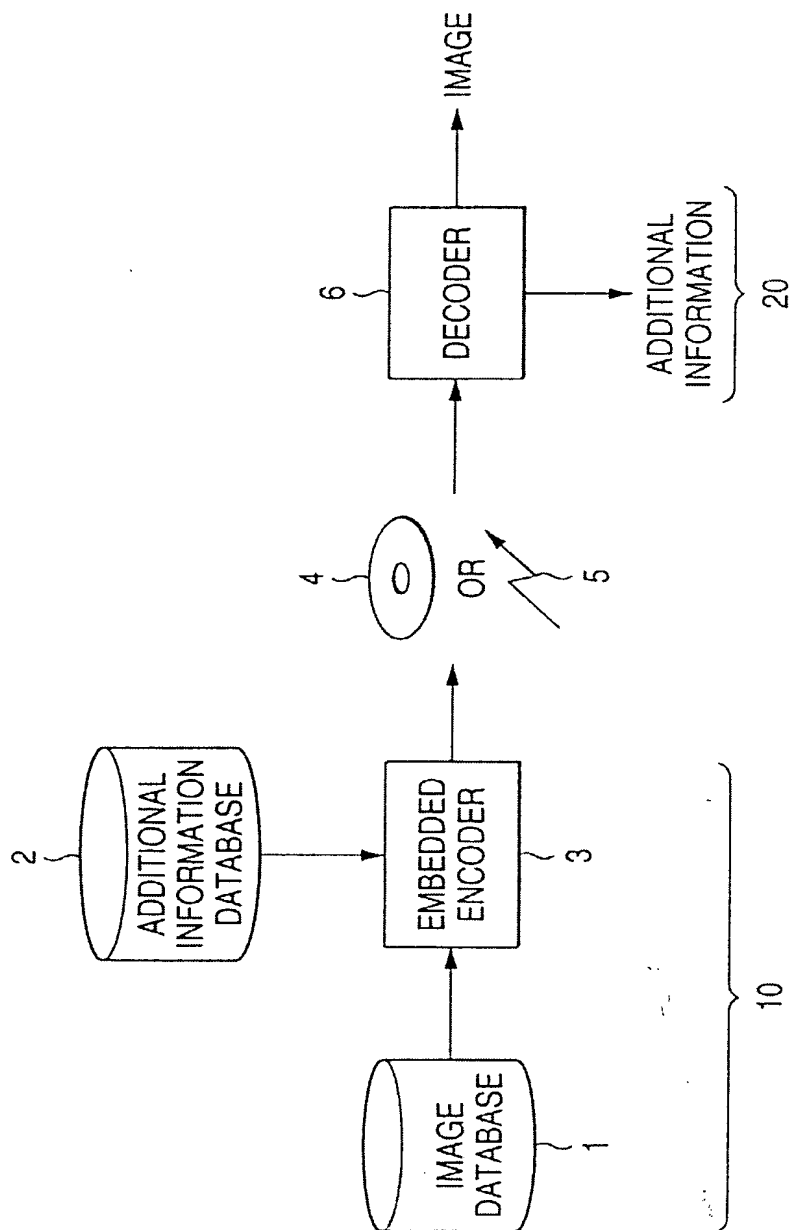


IMAGE TRANSMISSION SYSTEM

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**FIG. 2**

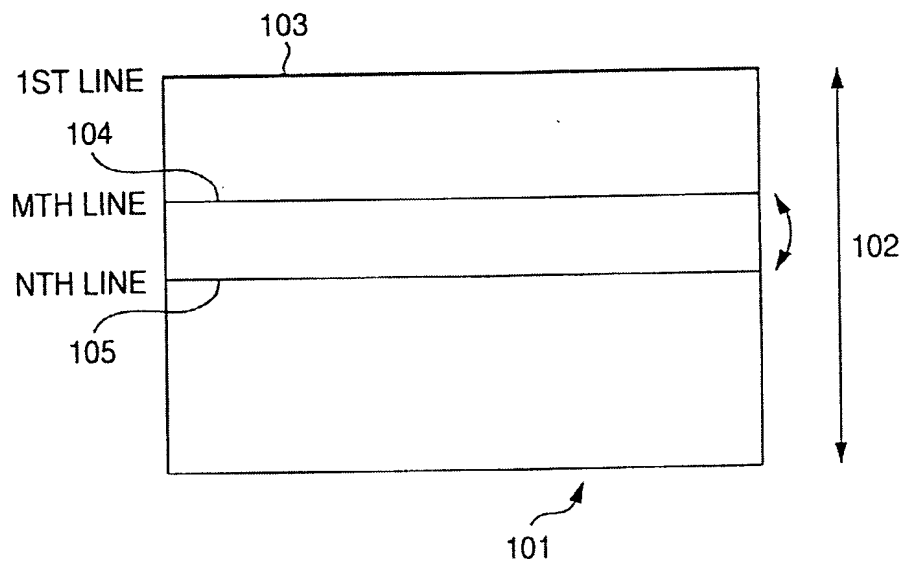
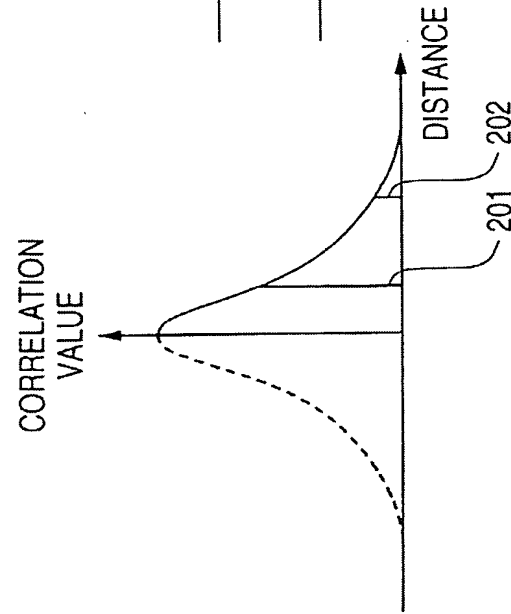


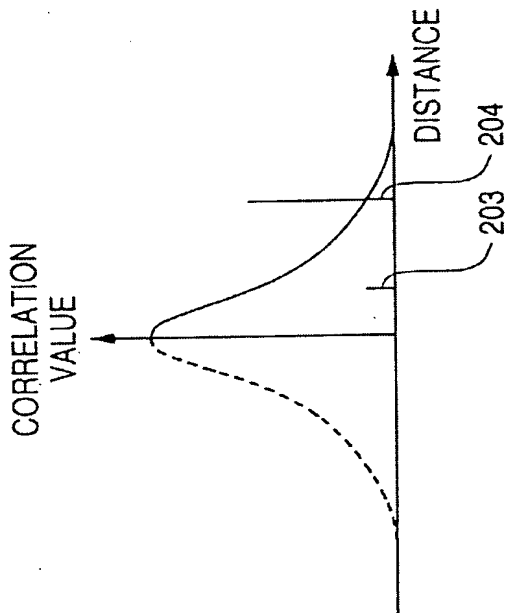
FIG. 3A



CODING

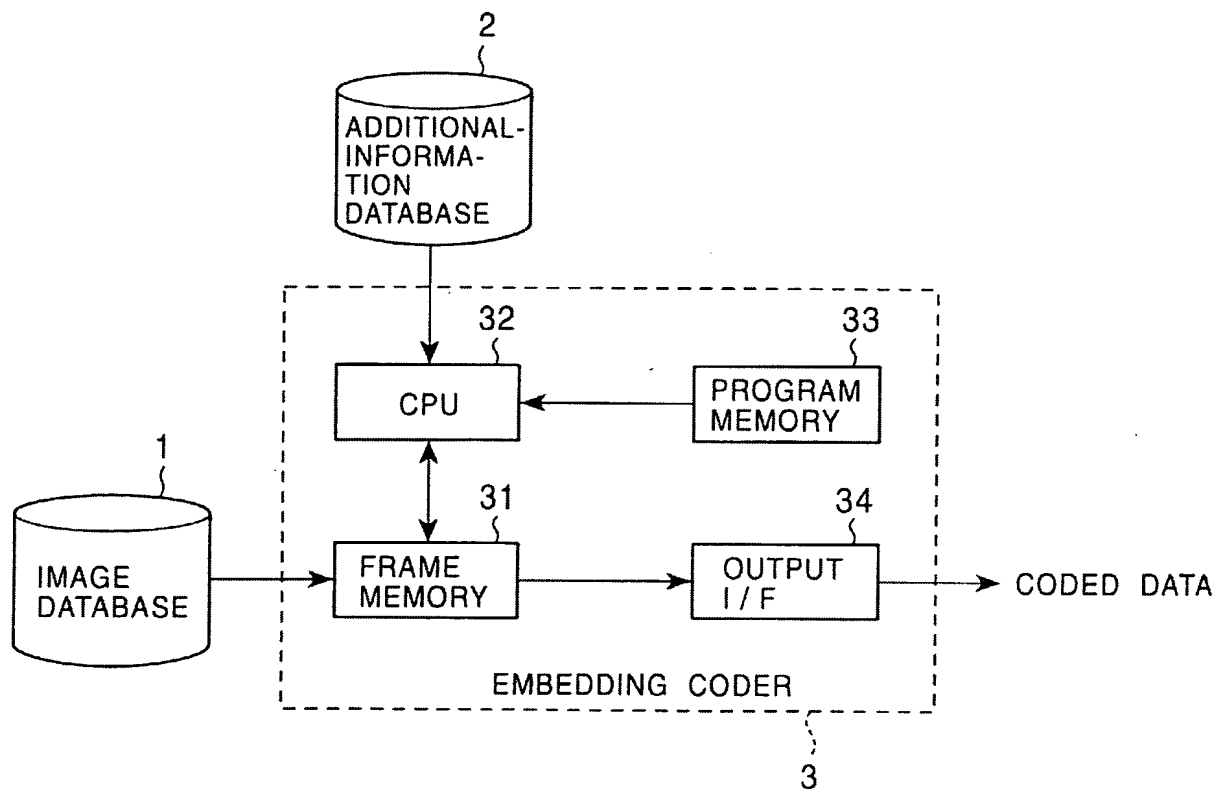
DECODING

FIG. 3B



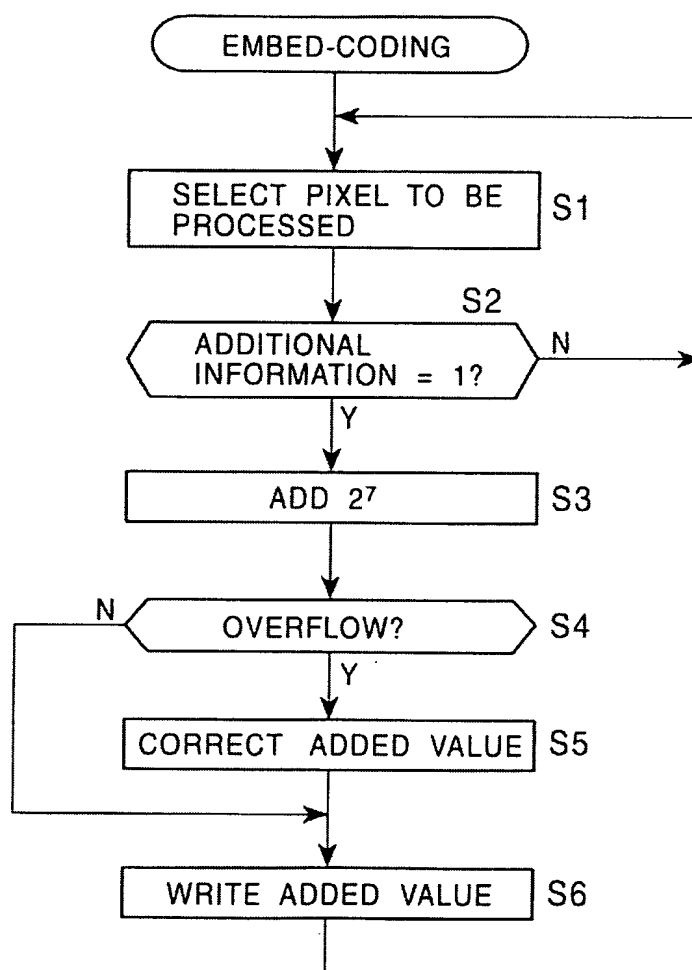
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**FIG. 4**



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FIG. 5



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**FIG. 6**

PIXEL

p(1,1)	p(2,1)	p(3,1)	p(4,1)	p(5,1)	p(6,1)	p(7,1)	p(8,1)	p(9,1)
p(1,2)	p(2,2)	p(3,2)	p(4,2)	p(5,2)	p(6,2)	p(7,2)	p(8,2)	p(9,2)
p(1,3)	p(2,3)	p(3,3)	p(4,3)	p(5,3)	p(6,3)	p(7,3)	p(8,3)	p(9,3)
p(1,4)	p(2,4)	p(3,4)	p(4,4)	p(5,4)	p(6,4)	p(7,4)	p(8,4)	p(9,4)
p(1,5)	p(2,5)	p(3,5)	p(4,5)	p(5,5)	p(6,5)	p(7,5)	p(8,5)	p(9,5)
p(1,6)	p(2,6)	p(3,6)	p(4,6)	p(5,6)	p(6,6)	p(7,6)	p(8,6)	p(9,6)
p(1,7)	p(2,7)	p(3,7)	p(4,7)	p(5,7)	p(6,7)	p(7,7)	p(8,7)	p(9,7)
p(1,8)	p(2,8)	p(3,8)	p(4,8)	p(5,8)	p(6,8)	p(7,8)	p(8,8)	p(9,8)
p(1,9)	p(2,9)	p(3,9)	p(4,9)	p(5,9)	p(6,9)	p(7,9)	p(8,9)	p(9,9)
p(1,10)	p(2,10)	p(3,10)	p(4,10)	p(5,10)	p(6,10)	p(7,10)	p(8,10)	p(9,10)

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**FIG. 7**

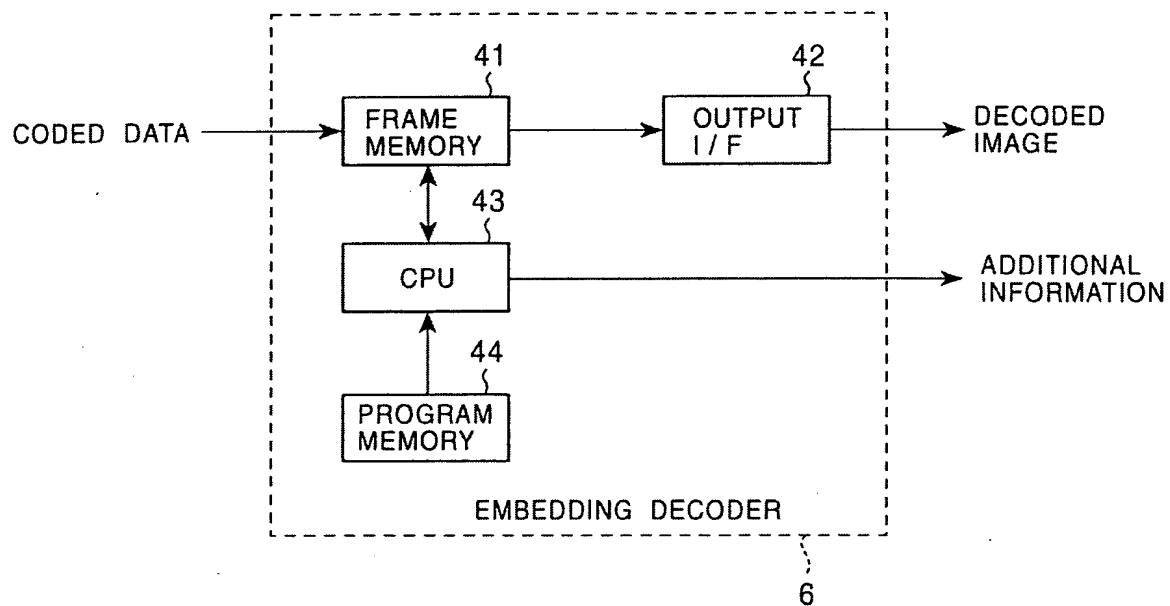
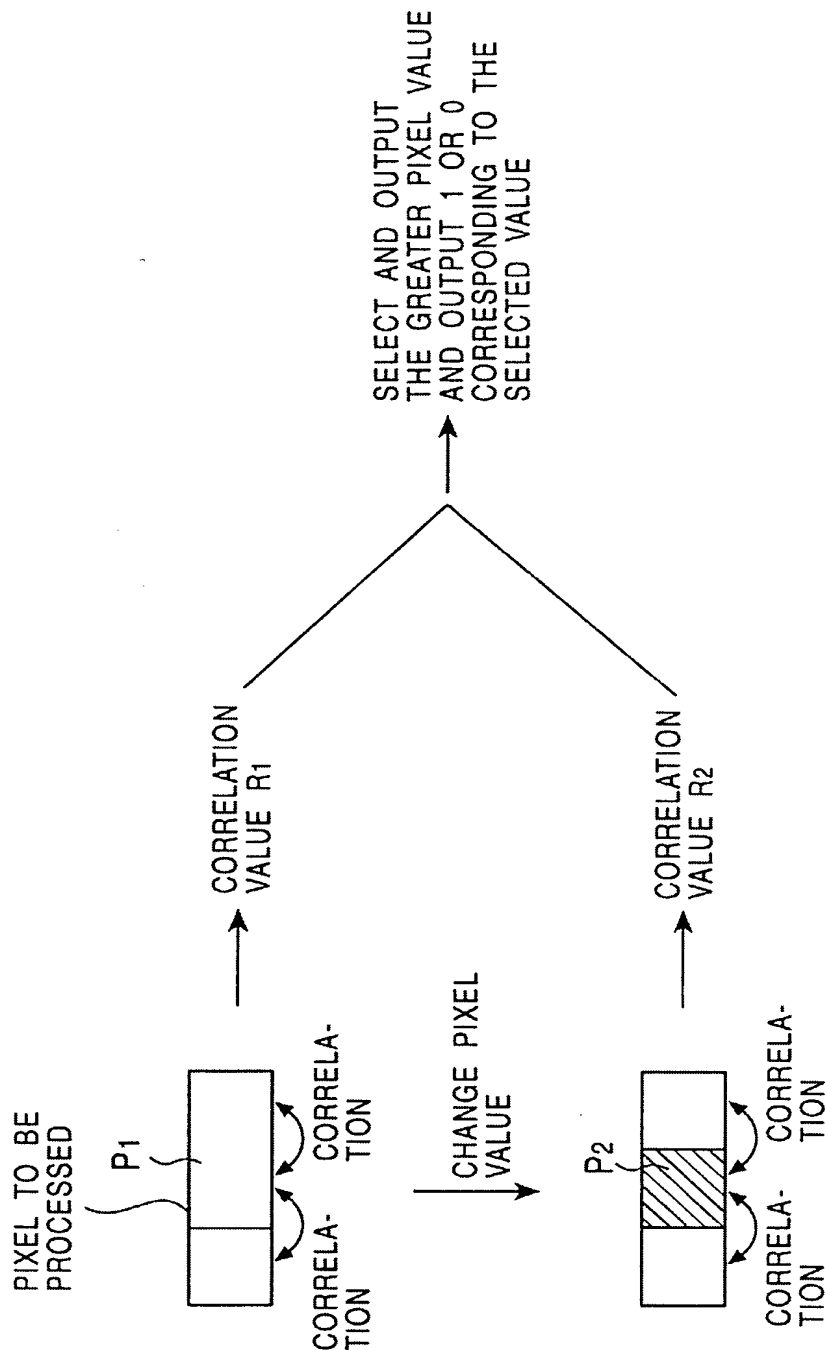


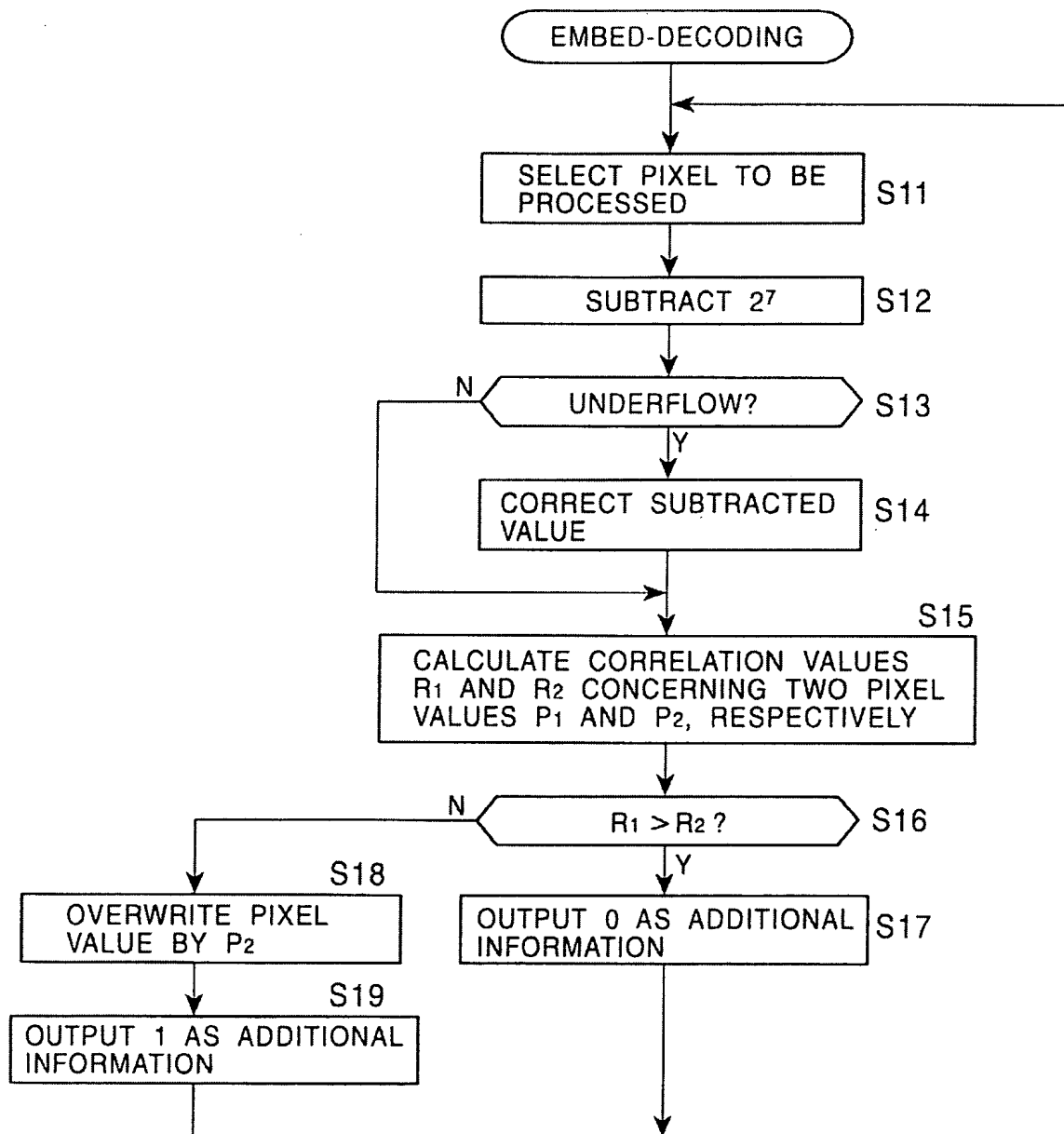
FIG. 8





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**FIG. 9**



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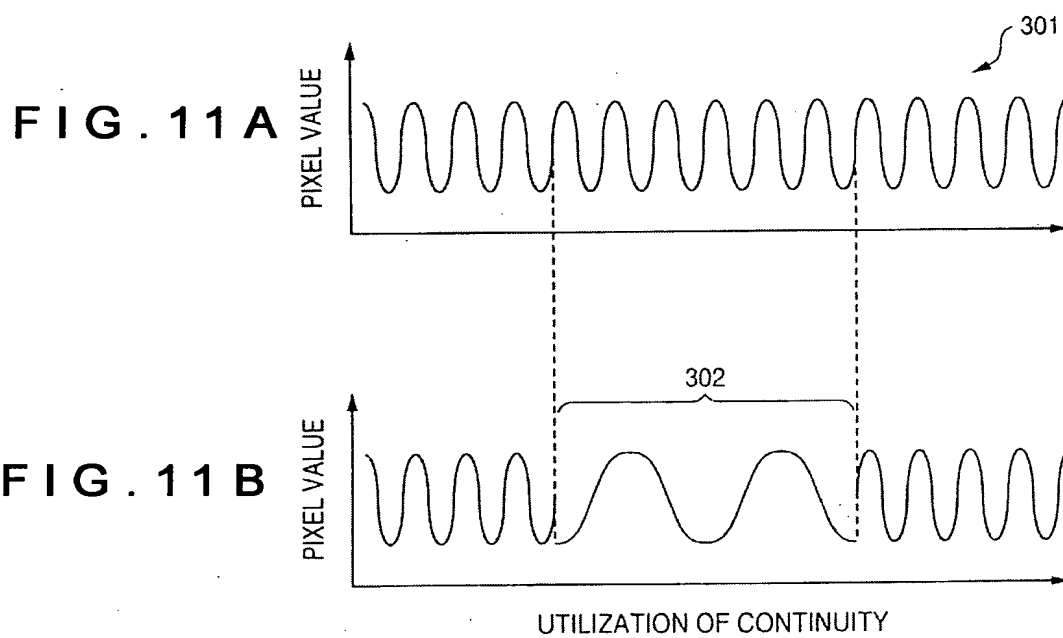
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**FIG. 10**

PIXEL

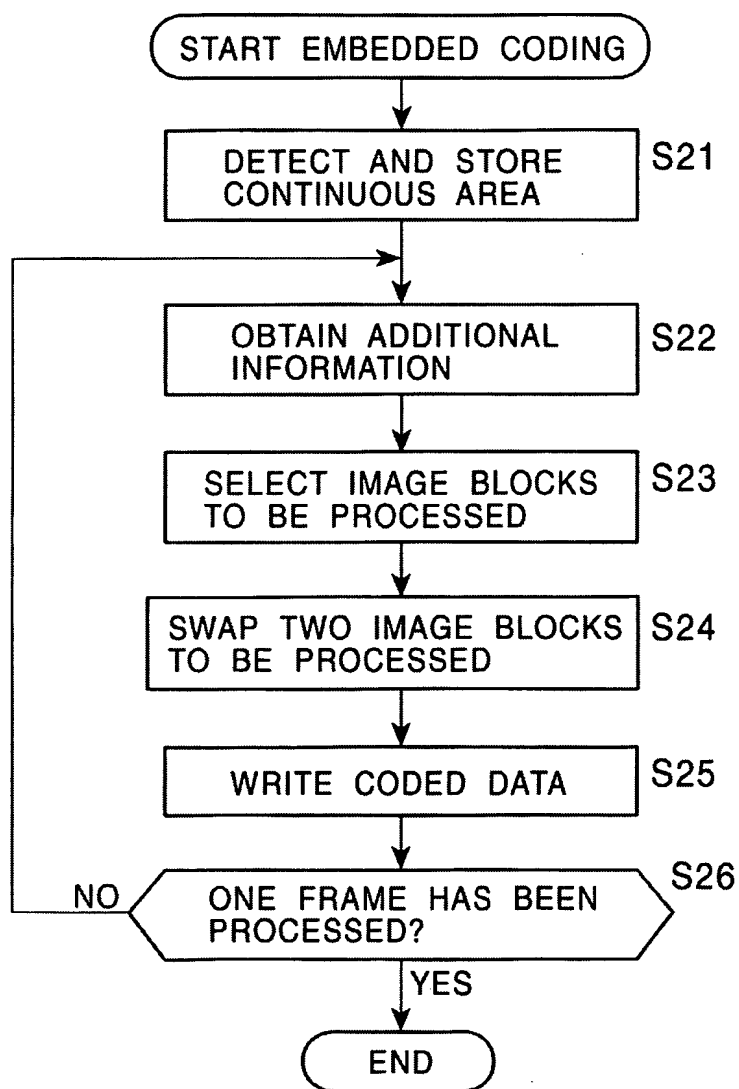
p(1,1)	p(2,1)	p(3,1)	p(4,1)	p(5,1)	p(6,1)	p(7,1)	p(8,1)	p(9,1)
p(1,2)	p(2,2)	p(3,2)	p(4,2)	p(5,2)	p(6,2)	p(7,2)	p(8,2)	p(9,2)
p(1,3)	p(2,3)	p(3,3)	p(4,3)	p(5,3)	p(6,3)	p(7,3)	p(8,3)	p(9,3)
p(1,4)	p(2,4)	p(3,4)	p(4,4)	p(5,4)	p(6,4)	p(7,4)	p(8,4)	p(9,4)
p(1,5)	p(2,5)	p(3,5)	p(4,5)	p(5,5)	p(6,5)	p(7,5)	p(8,5)	p(9,5)
p(1,6)	p(2,6)	p(3,6)	p(4,6)	p(5,6)	p(6,6)	p(7,6)	p(8,6)	p(9,6)
p(1,7)	p(2,7)	p(3,7)	p(4,7)	p(5,7)	p(6,7)	p(7,7)	p(8,7)	p(9,7)
p(1,8)	p(2,8)	p(3,8)	p(4,8)	p(5,8)	p(6,8)	p(7,8)	p(8,8)	p(9,8)
p(1,9)	p(2,9)	p(3,9)	p(4,9)	p(5,9)	p(6,9)	p(7,9)	p(8,9)	p(9,9)
p(1,10)	p(2,10)	p(3,10)	p(4,10)	p(5,10)	p(6,10)	p(7,10)	p(8,10)	p(9,10)

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FIG. 12



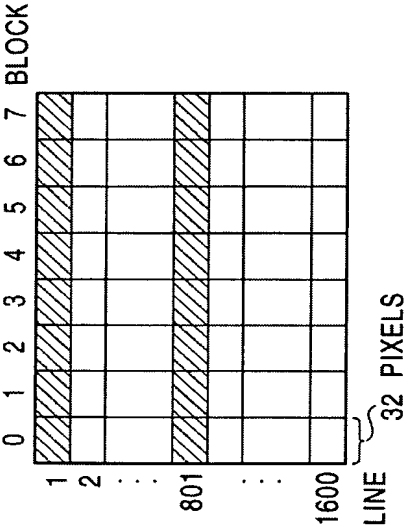


FIG. 13A

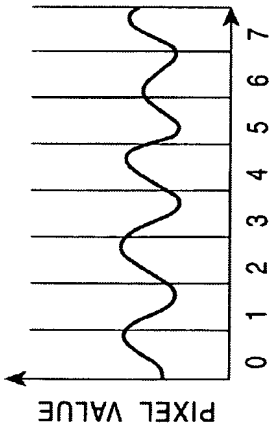


FIG. 13B

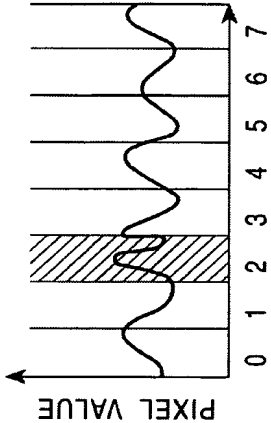


FIG. 13D

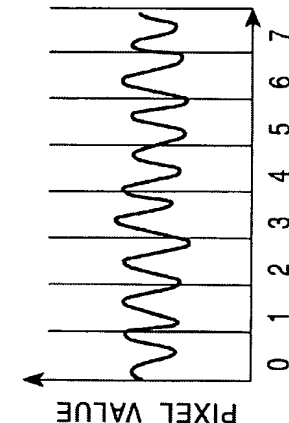


FIG. 13C

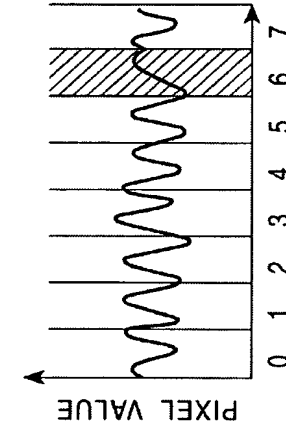
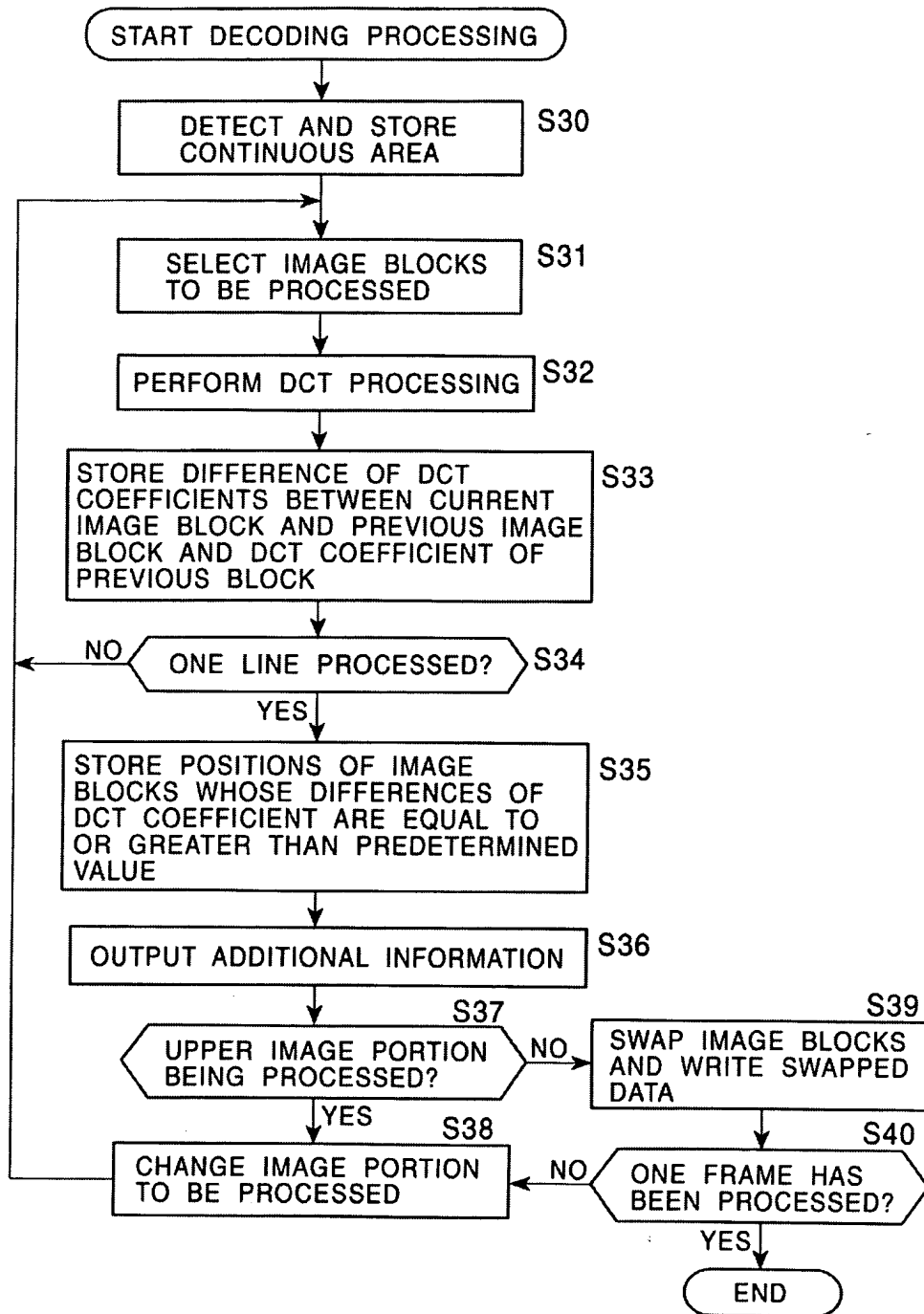


FIG. 13E

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**FIG. 14**



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FIG. 15A

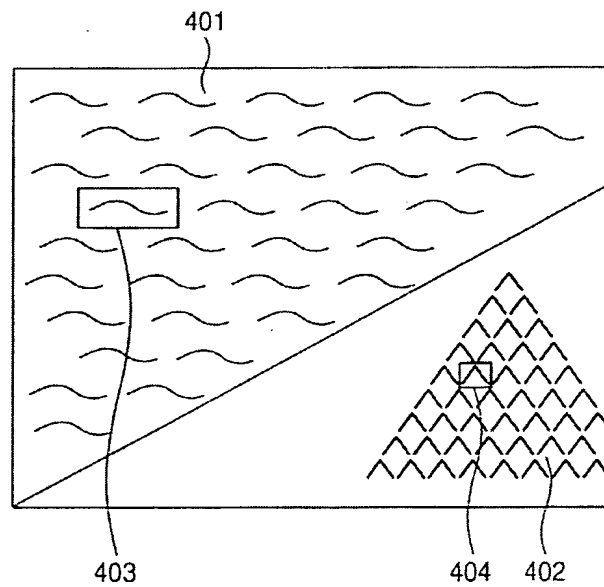
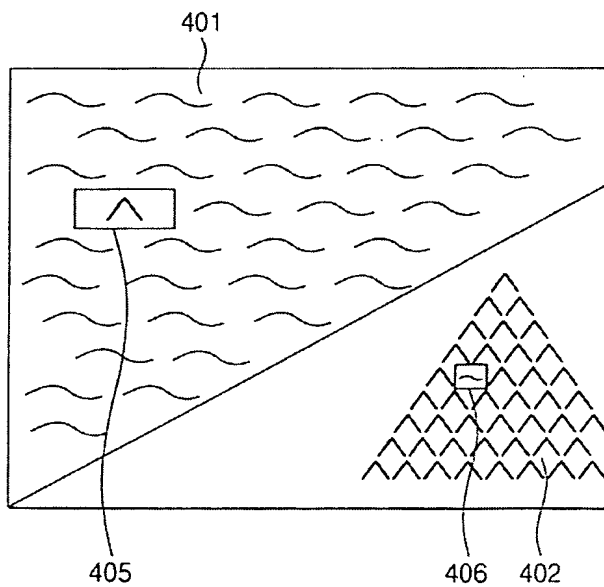


FIG. 15B



UTILIZATION OF SIMILARITY

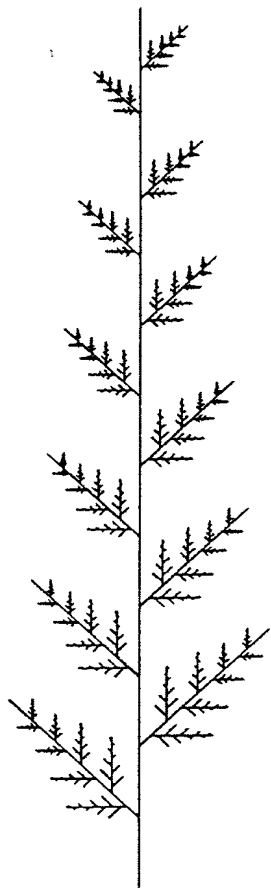


FIG. 16A

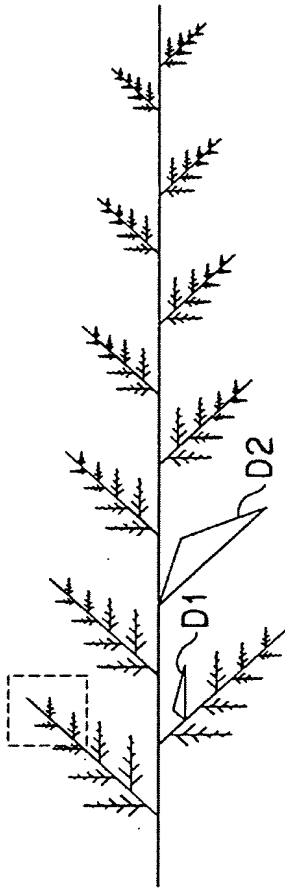
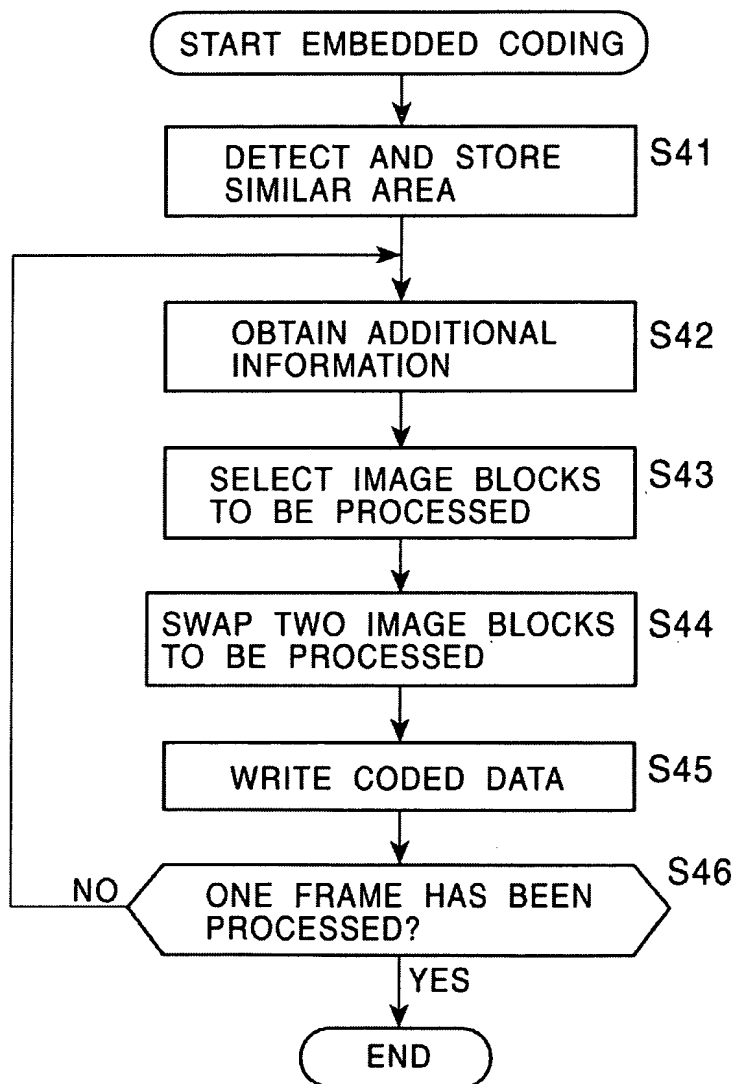


FIG. 16B



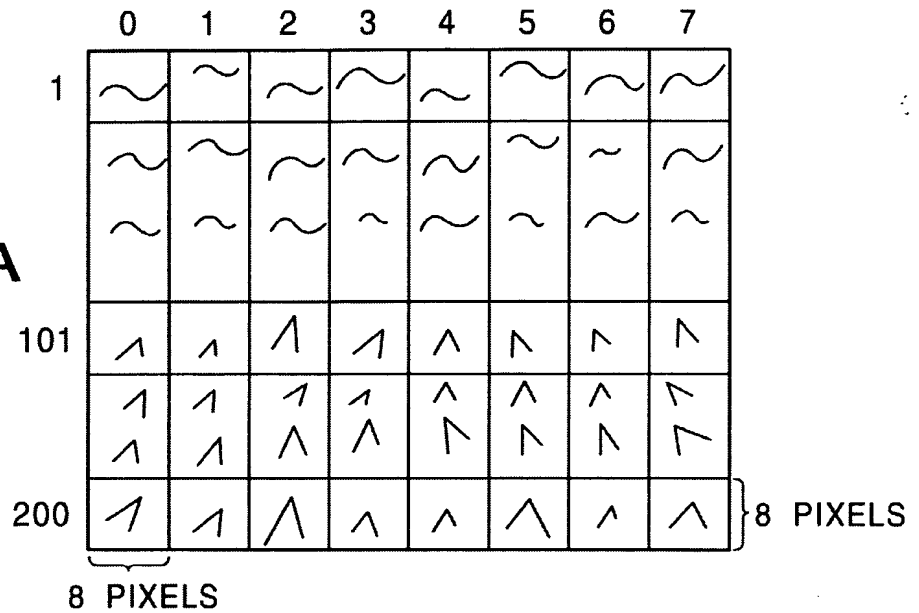
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**FIG. 17**



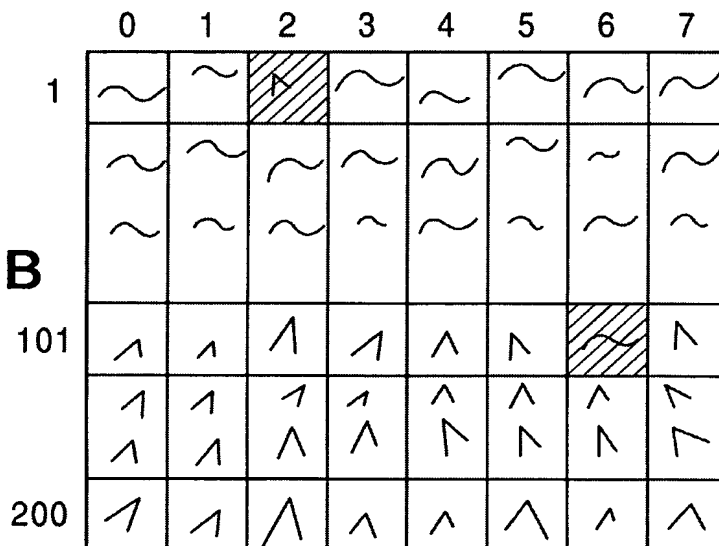
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FIG. 18A



DECODING  $\uparrow$   
 $\downarrow$  CODING

FIG. 18B



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**FIG. 19**

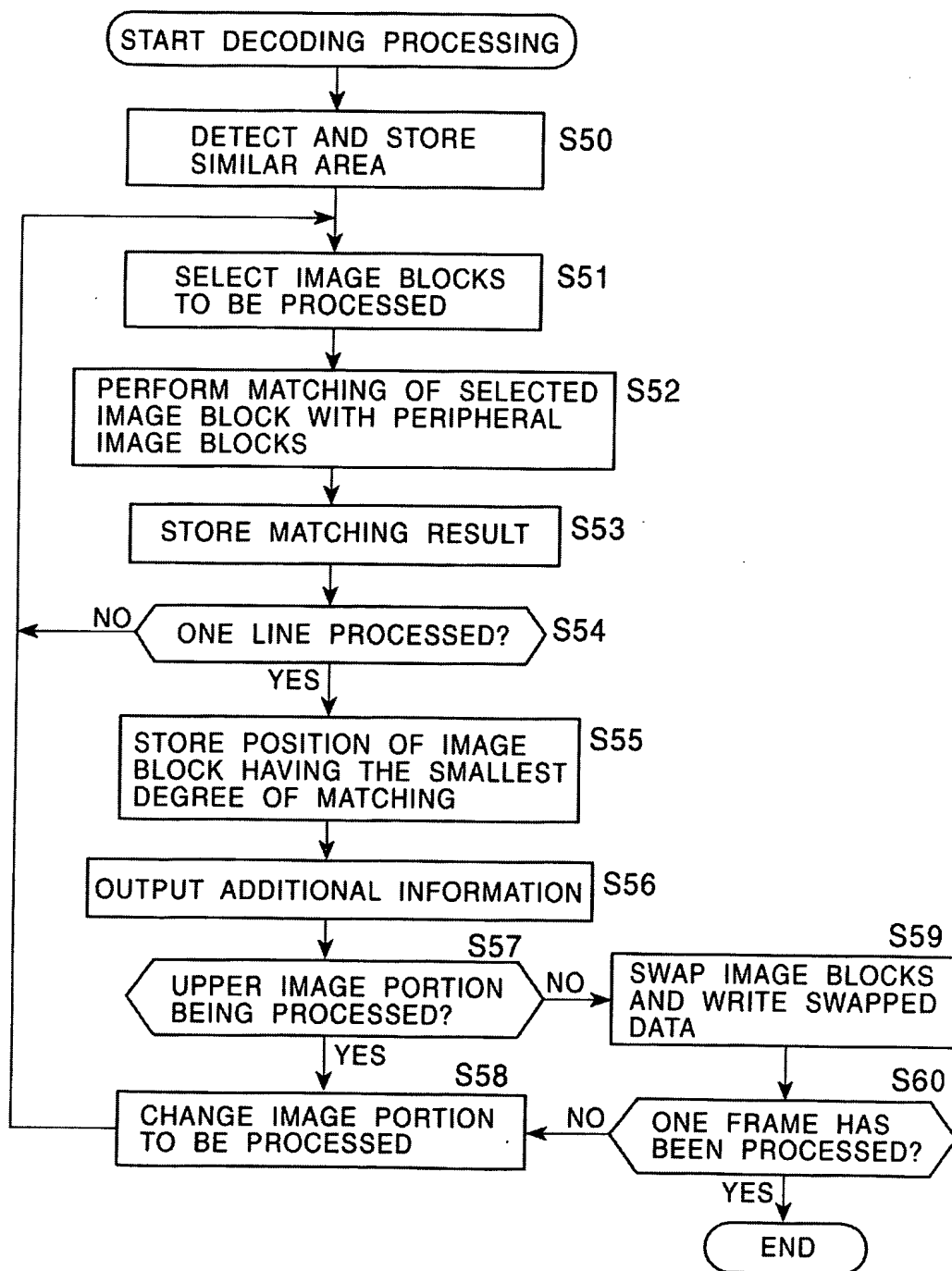
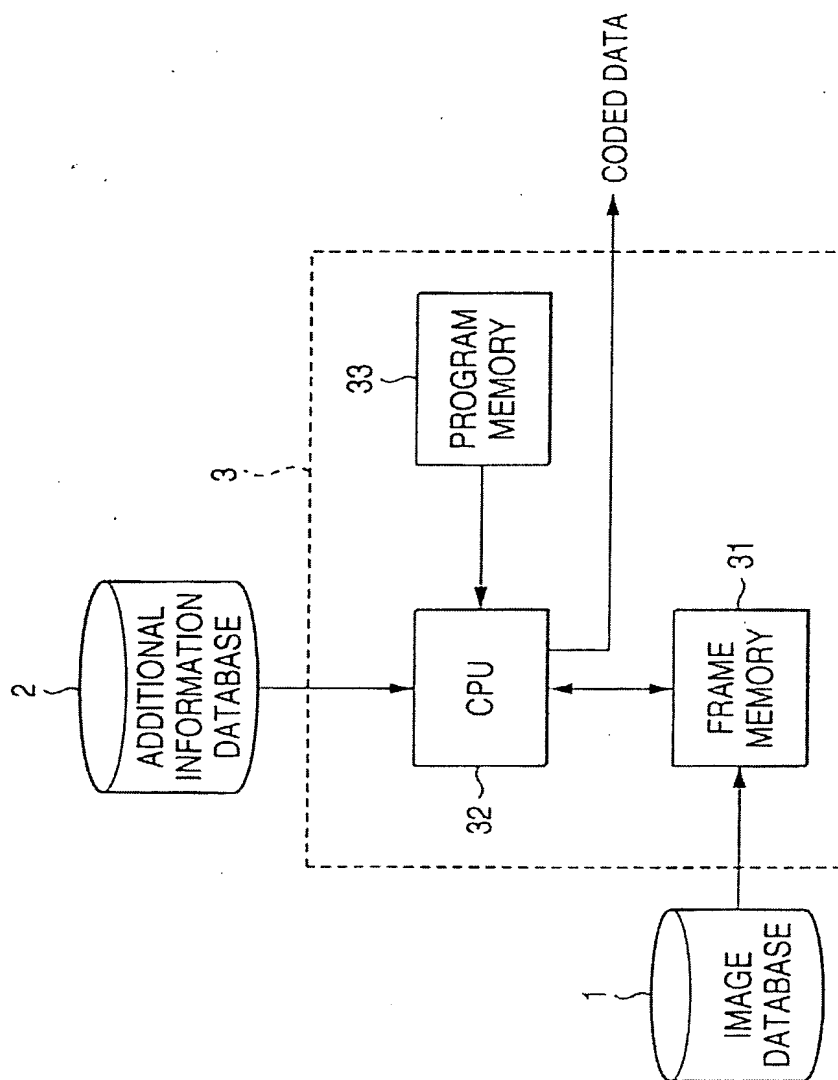
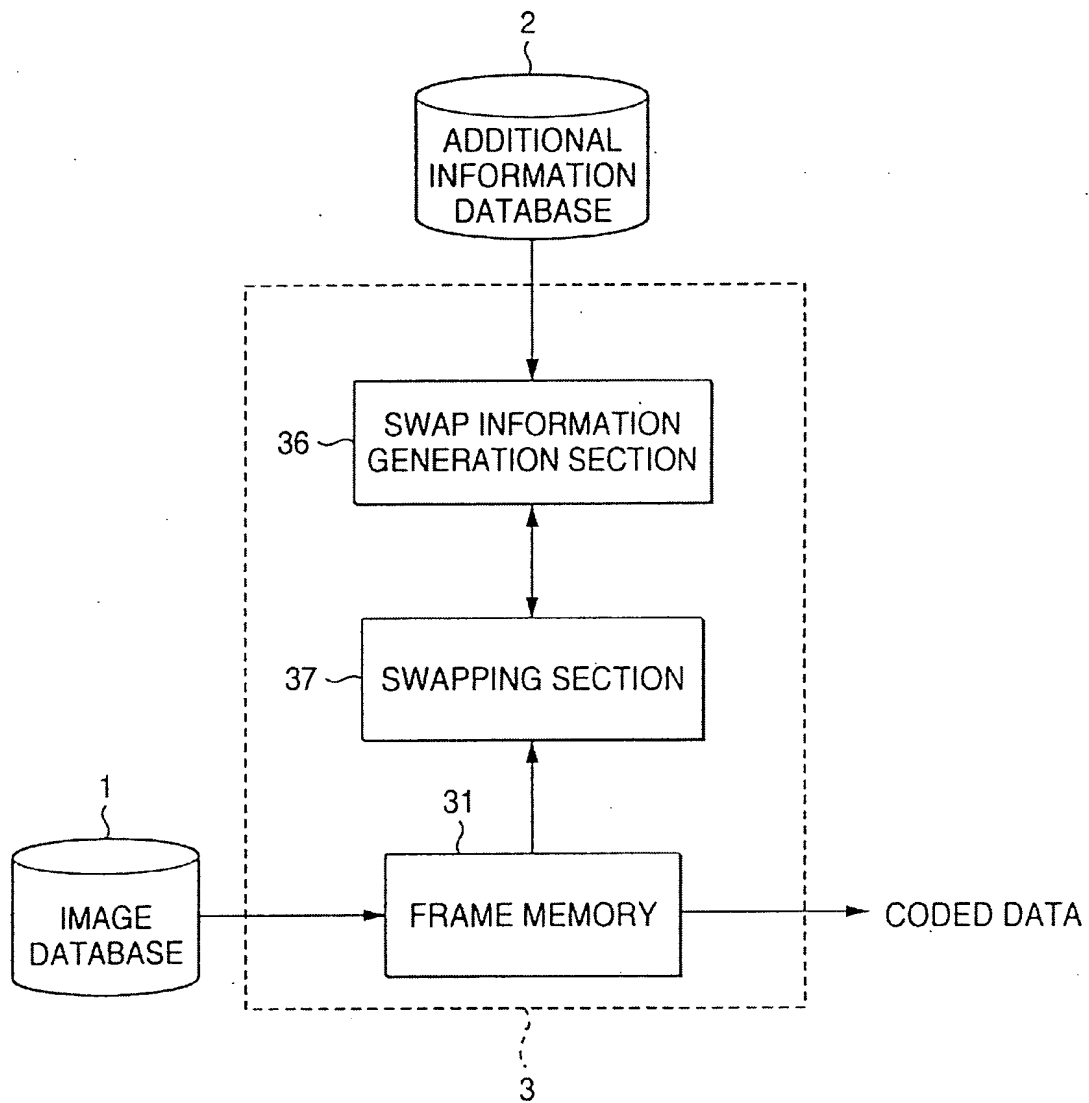


FIG. 20



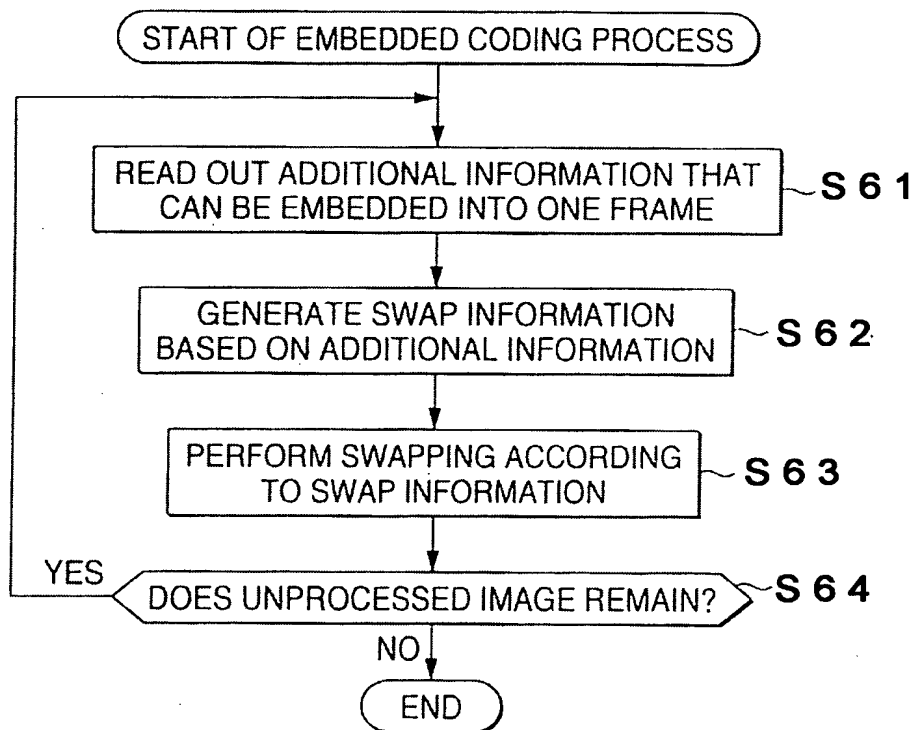
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**FIG. 21**



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FIG. 22



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FIG. 23A

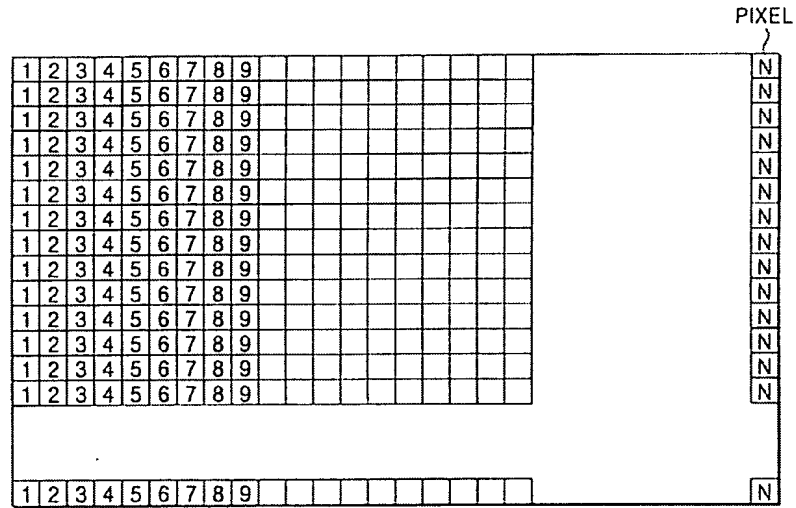


FIG. 23B

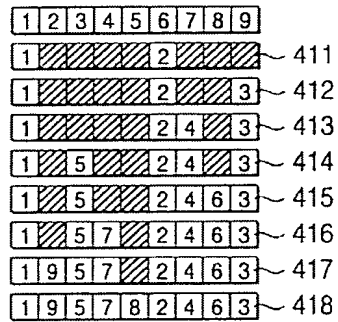
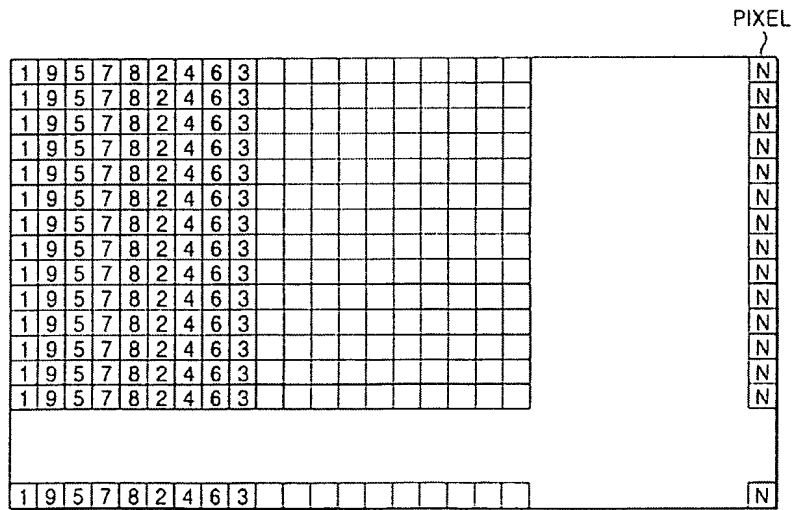
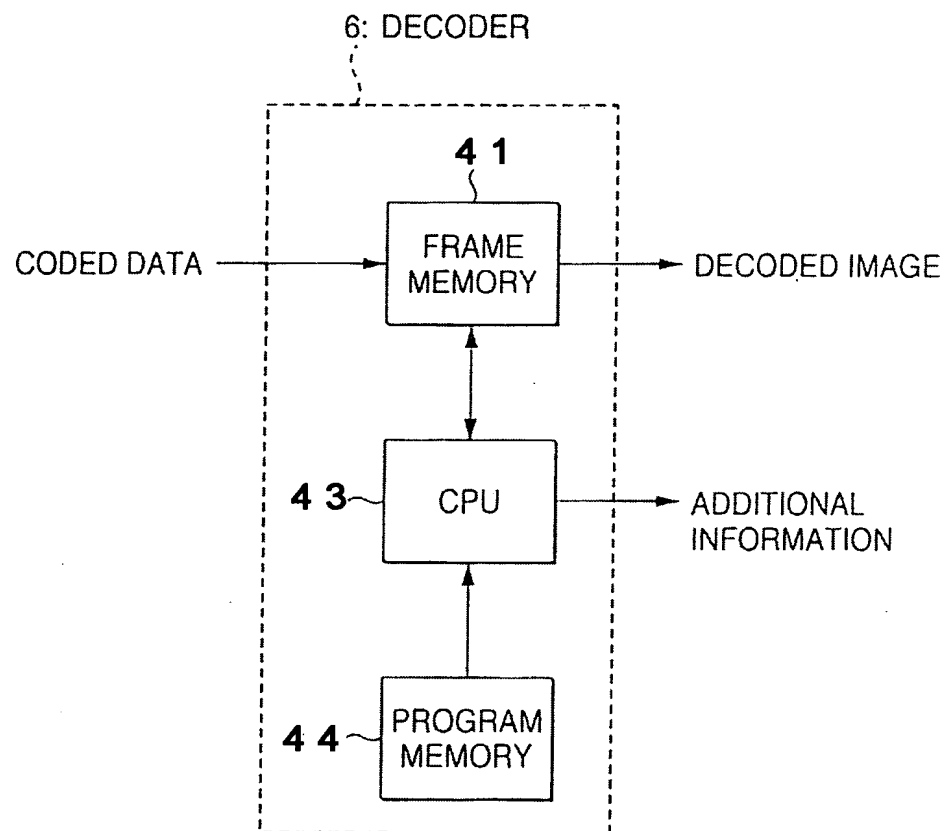


FIG. 23C



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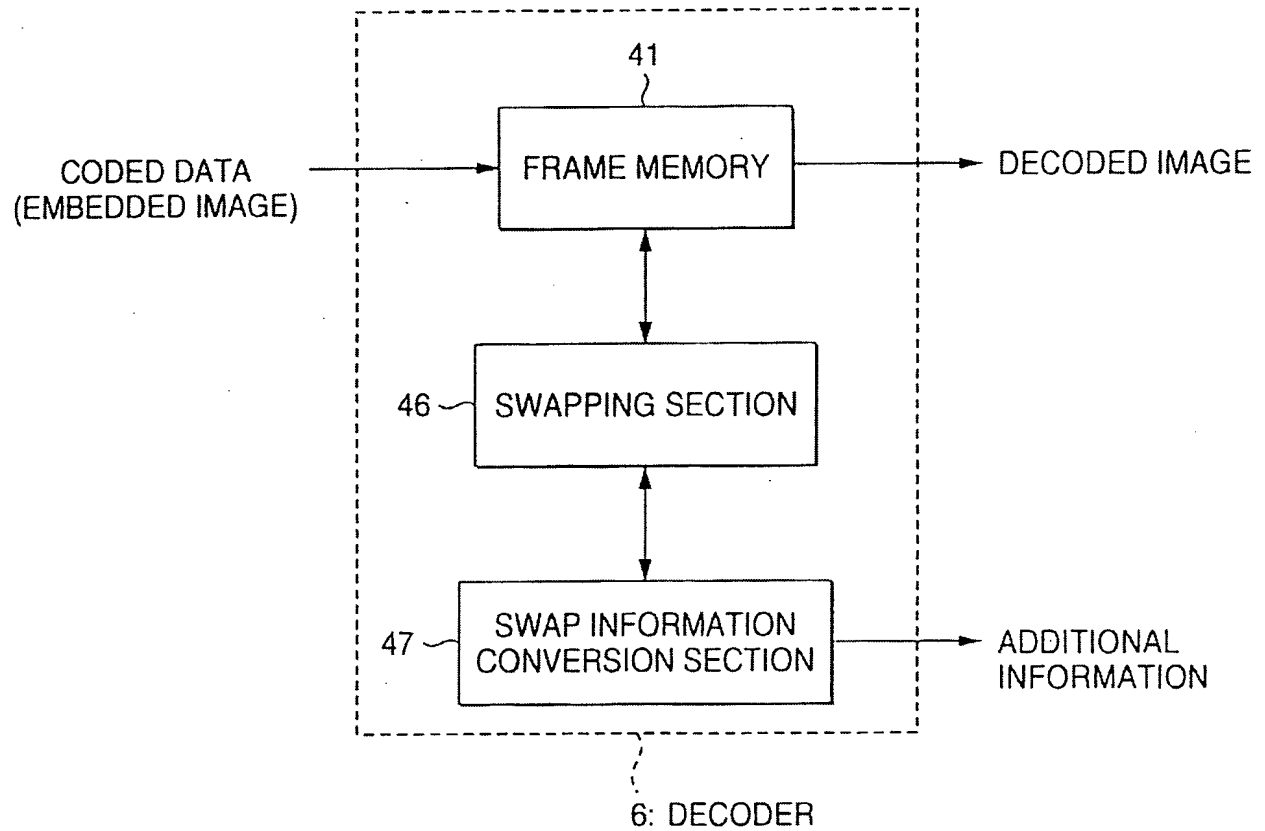
FIG. 24





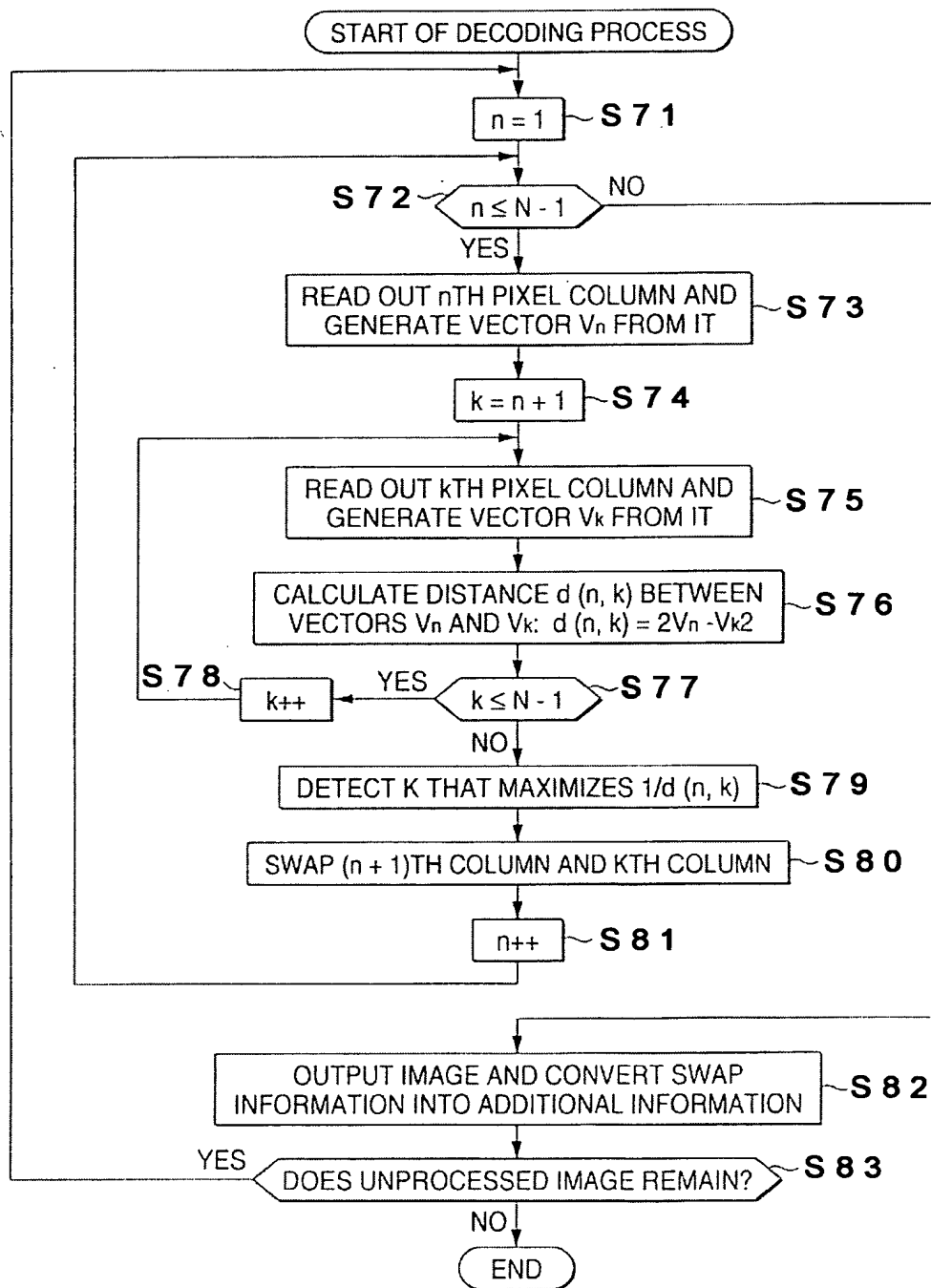
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FIG. 25



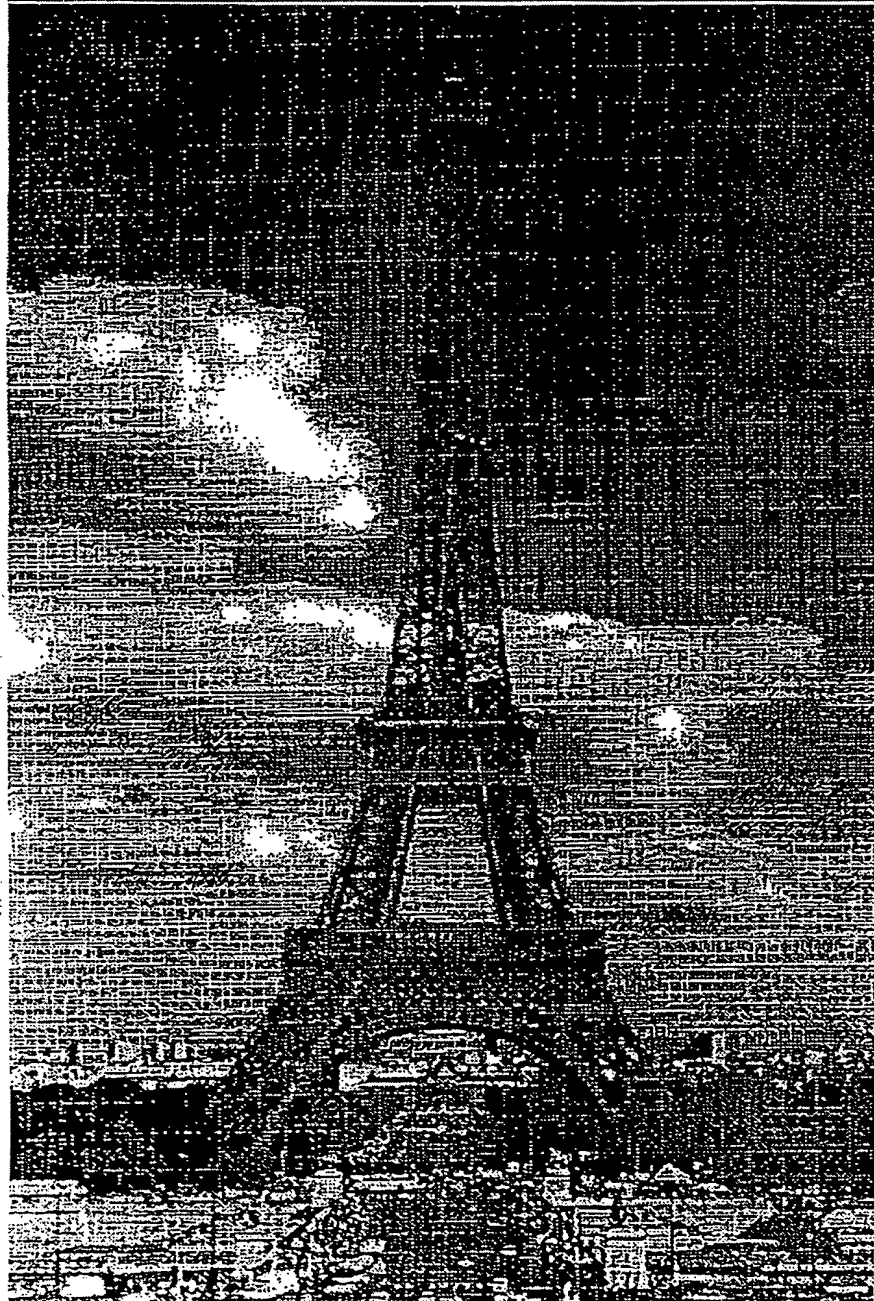
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**FIG. 26**



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FIG. 27

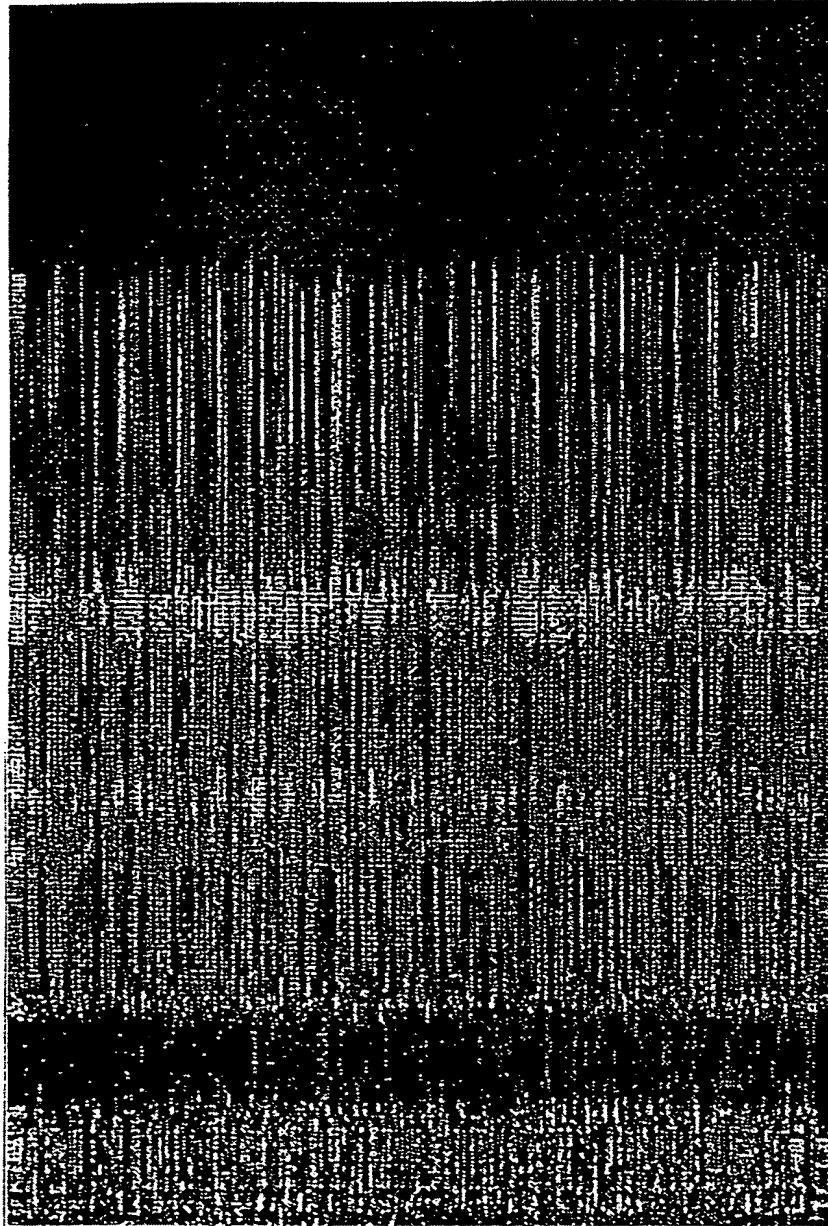


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FIG. 28



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FIG. 29



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**Invention:** Coding Apparatus and Method ... Signal

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FIG. 30A

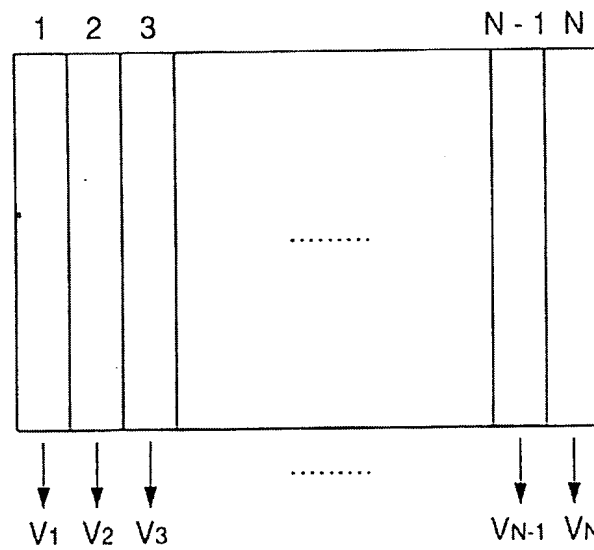
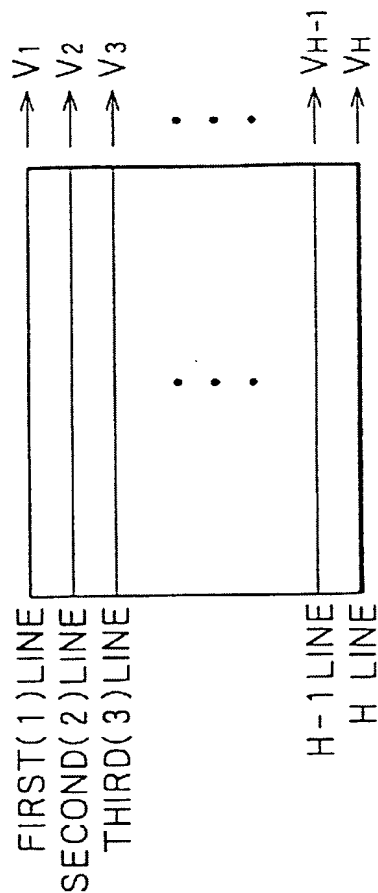


FIG. 30B



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FIG. 31

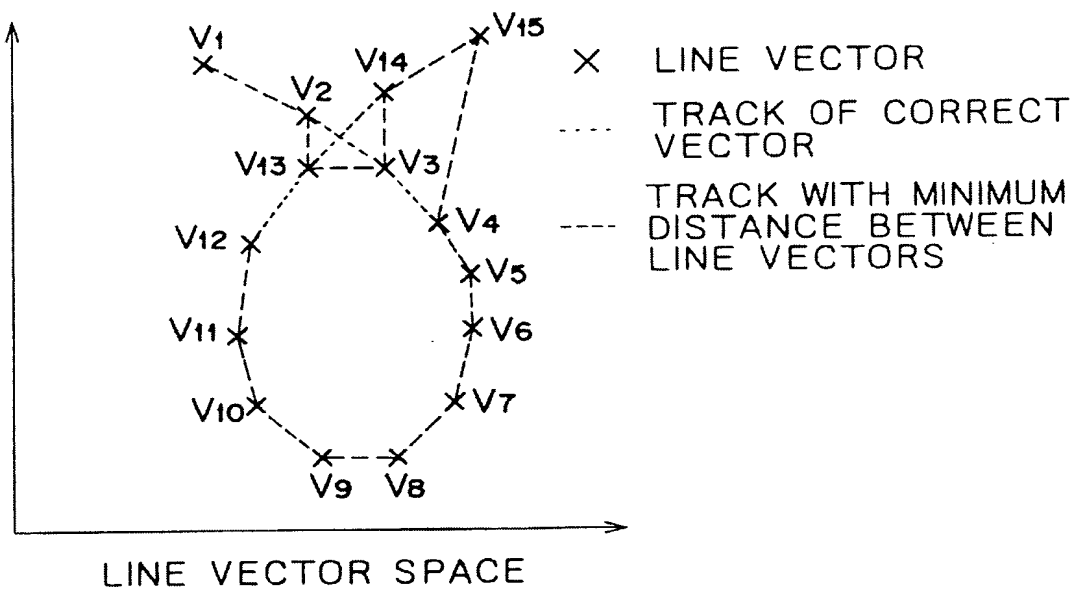
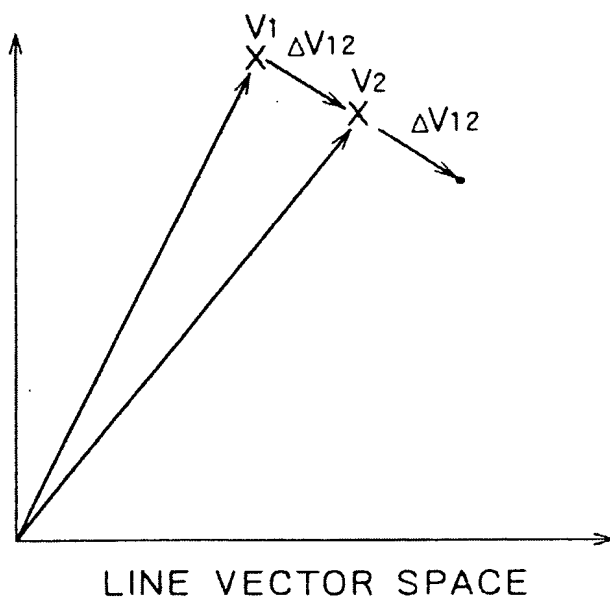


FIG. 32





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**FIG. 33**

						PIXEL ?	
(1, 1)	(1, 2)	(1, 3)	(1, 4)	(1, 5)	(1, 6)	.....	(1, N)
(2, 1)	(2, 2)	(2, 3)	(2, 4)	(2, 5)	(2, 6)		(2, N)
(3, 1)	(3, 2)	(3, 3)	(3, 4)	(3, 5)	(3, 6)		(3, N)
(4, 1)	(4, 2)	(4, 3)	(4, 4)	(4, 5)	(4, 6)		(4, N)
(5, 1)	(5, 2)	(5, 3)	(5, 4)	(5, 5)	(5, 6)		(5, N)
.....						.....	
(M, 1)	(M, 2)	(M, 3)	(M, 4)	(M, 5)	(M, 6)		(M, N)

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**FIG. 34 A**

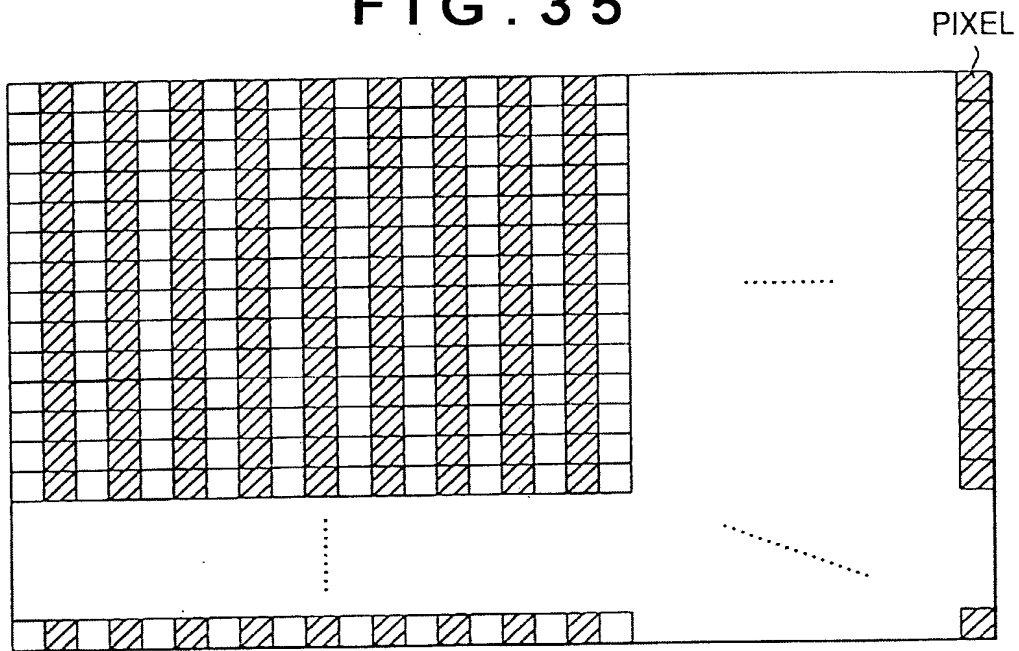
(1, 3)	(1, 4)	(1, 6)	(1, 5)	(1, 1)	(1, N)	<div> <div>PIXEL</div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> </div>	(1, 2)
(2, 3)	(2, 4)	(2, 6)	(2, 5)	(2, 1)	(2, N)		(2, 2)
(3, 3)	(3, 4)	(3, 6)	(3, 5)	(3, 1)	(3, N)		(3, 2)
(4, 3)	(4, 4)	(4, 6)	(4, 5)	(4, 1)	(4, N)		(4, 2)
(5, 3)	(5, 4)	(5, 6)	(5, 5)	(5, 1)	(5, N)		(5, 2)
<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>							
(M, 3)	(M, 4)	(M, 6)	(M, 5)	(M, 4)	(M, N)		(M, 2)

**FIG. 34 B**

(5, 3)	(5, 4)	(5, 6)	(5, 5)	(5, 1)	(5, N)	<div> <div>PIXEL</div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> </div>	(5, 2)
(3, 3)	(3, 4)	(3, 6)	(3, 5)	(3, 1)	(3, N)		(3, 2)
(1, 3)	(1, 4)	(1, 6)	(1, 5)	(1, 1)	(1, N)		(1, 2)
(M, 3)	(M, 4)	(M, 6)	(M, 5)	(M, 1)	(M, N)		(M, 2)
(2, 3)	(2, 4)	(2, 6)	(2, 5)	(2, 1)	(2, N)		(2, 2)
<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>							
(4, 3)	(4, 4)	(4, 6)	(4, 5)	(4, 1)	(4, N)		(4, 2)

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**FIG. 35**



**FIG. 36**

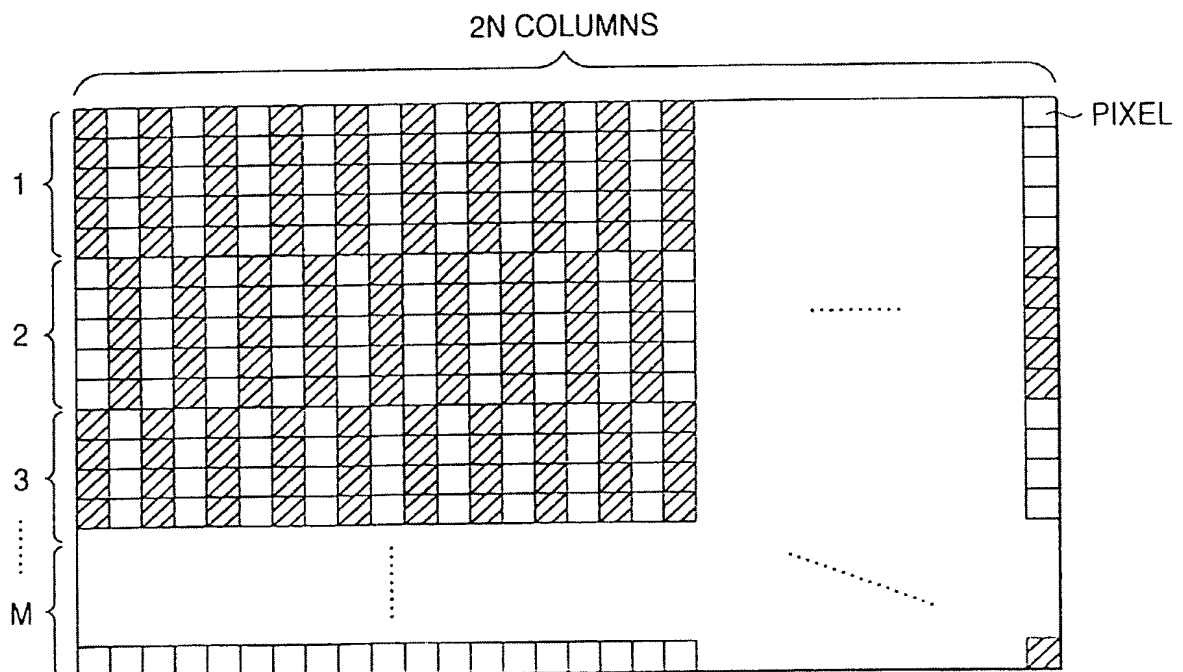
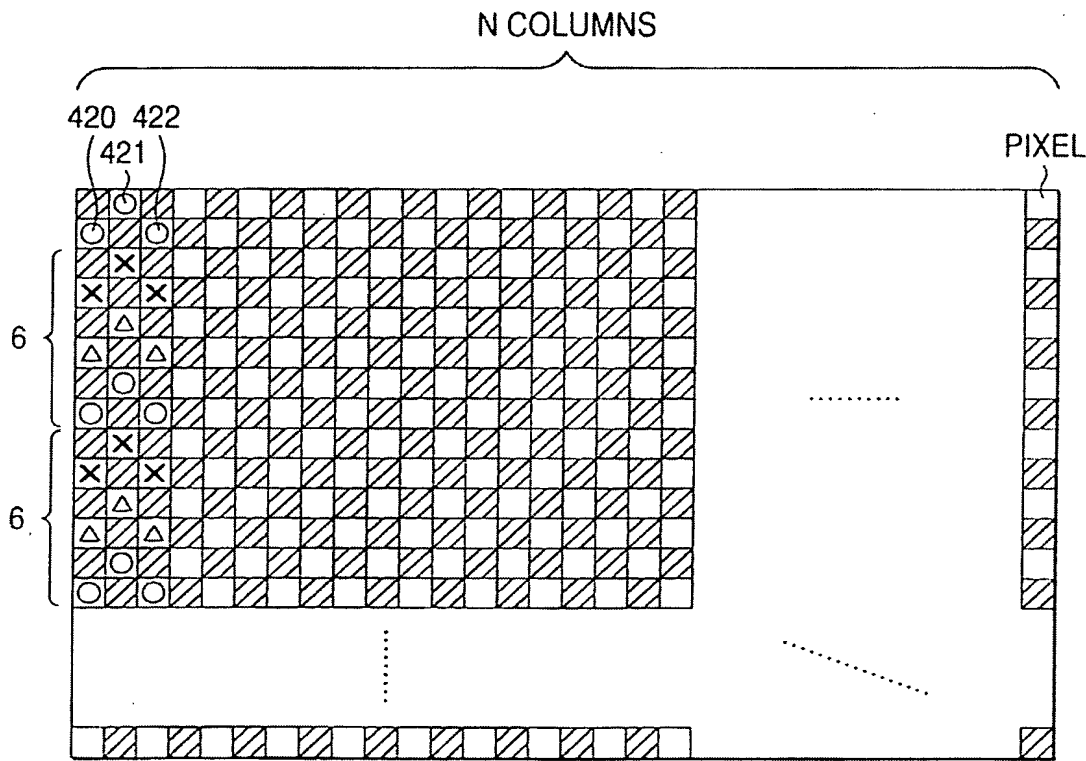


FIG. 37



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FIG. 38 A

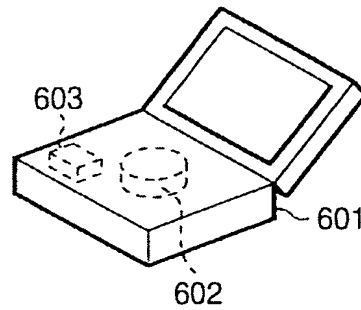


FIG. 38 B

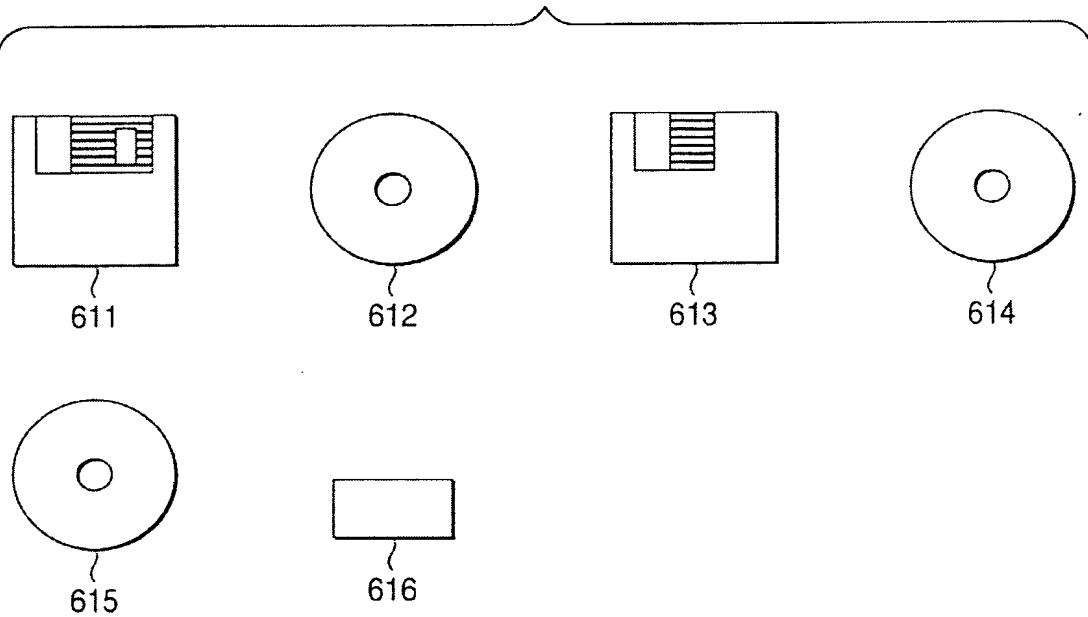


FIG. 38 C

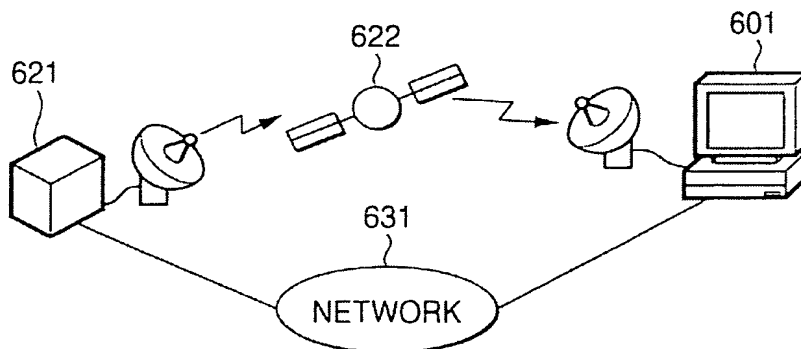


FIG. 39

